

Title (en)

A process for cutting and perforating plastic film.

Title (de)

Verfahren zum Schneiden und Perforieren von Kunststoff-Folie.

Title (fr)

Procédé de découpage et de perforation de film en matière plastique.

Publication

EP 0042586 A1 19811230 (EN)

Application

EP 81104658 A 19810616

Priority

US 16093980 A 19800619

Abstract (en)

A process is disclosed for cutting or perforating a plastic film sheet material with a knife of improved durability which comprises a metal substrate coated on one side only with a hard material such as tungsten carbide. A preferred embodiment comprises a process for making a continuous strip of interconnected and separable plastic film bags of low pressure - low density polyethylene from a tube of same including the steps of sealing the tube across its width at longitudinally-spaced intervals and perforating the tube at similar intervals, to provide tear-off lines, with a perforating blade provided with a coating on one side only of a hard material such as tungsten carbide. Such a perforating blade has a significantly improved service life, as compared to uncoated similar blades or similar blades coated on both sides, in processes for making bags from low pressure-low density polyethylene.

IPC 1-7

B29C 17/14; **B29C 24/02**; **B31B 23/14**

IPC 8 full level

B26D 1/00 (2006.01); **B26F 1/18** (2006.01); **B31B 1/14** (2006.01); **B31B 19/14** (2006.01); **B65B 61/06** (2006.01)

CPC (source: EP KR)

B26F 1/18 (2013.01 - EP); **B65D 29/00** (2013.01 - KR); **B65D 31/16** (2013.01 - KR); **B31B 70/14** (2017.07 - EP)

Citation (search report)

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Designated contracting state (EPC)

BE DE FR GB IT NL SE

DOCDB simple family (publication)

EP 0042586 A1 19811230; AU 7122881 A 19811224; BR 8103774 A 19820309; CA 1177383 A 19841106; FI 811863 L 19811220; JP S5727742 A 19820215; KR 830006085 A 19830917; NO 812033 L 19811221; ZA 813869 B 19820630

DOCDB simple family (application)

EP 81104658 A 19810616; AU 7122881 A 19810601; BR 8103774 A 19810615; CA 378630 A 19810529; FI 811863 A 19810615; JP 9310981 A 19810618; KR 810002236 A 19810619; NO 812033 A 19810616; ZA 813869 A 19810609